

Angostura Contract Negotiation EIS Reservoir River Discharge (cfs) Historic Actual													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1953	117.1	126.0	117.1	110.9	123.6	109.2	188.7	191.9	95.8	6.5	0.0	42.3	102.4
1954	40.7	21.6	16.3	0.0	40.7	58.8	172.4	151.3	79.0	14.6	0.0	1.6	49.7
1955	0.0	0.0	0.0	142.8	289.5	211.8	74.8	58.5	52.1	53.7	89.1	84.6	88.1
1956	82.9	91.8	89.4	85.7	87.8	38.7	35.8	21.1	16.8	0.0	0.0	0.0	45.8
1957	0.0	0.0	0.0	0.0	473.3	509.2	22.8	0.0	0.0	0.0	31.9	52.0	90.8
1958	55.3	57.6	53.7	0.0	1.6	0.0	216.3	198.4	1.7	58.5	47.1	56.9	62.3
1959	52.0	57.6	0.0	0.0	0.0	1.7	0.0	4.9	0.0	0.0	0.0	0.0	9.7
1960	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	780.6	2825.0	1229.5	45.5	0.0	0.0	0.0	0.0	406.7
1963	0.0	0.0	19.5	70.6	66.7	660.5	0.0	0.0	1.7	0.0	0.0	0.0	68.2
1964	0.0	0.0	0.0	0.0	0.0	109.2	9.8	0.0	0.0	0.0	0.0	0.0	9.9
1965	0.0	0.0	0.0	0.0	40.7	899.1	135.0	0.0	0.0	0.0	0.0	0.0	89.6
1966	0.0	0.0	112.2	92.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3
1967	0.0	0.0	170.8	72.3	109.0	1846.9	206.5	0.0	0.0	0.0	0.0	0.0	200.5
1968	0.0	0.0	0.0	0.0	0.0	290.7	8.1	0.0	0.0	0.0	0.0	0.0	24.9
1969	0.0	0.0	21.1	13.4	3.3	0.0	673.3	0.0	0.0	0.0	0.0	0.0	59.3
1970	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
1971	0.0	0.0	0.0	0.0	1273.4	920.9	0.0	0.0	0.0	0.0	0.0	0.0	182.9
1972	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1973	0.0	0.0	0.0	0.0	94.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
1974	58.5	151.3	52.0	92.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	2384.2	231.9	195.2	151.3	0.0	0.0	0.0	0.0	246.9
1979	0.0	0.0	178.9	151.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5
1980	0.0	88.2	144.7	68.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	282.3	30.9	0.0	0.0	0.0	0.0	0.0	11.4
1983	24.4	41.4	91.1	70.6	100.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0	28.5
1984	0.0	0.0	87.8	131.1	564.3	233.6	0.0	0.0	0.0	0.0	0.0	0.0	84.7
1985	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1986	0.0	0.0	0.0	0.0	131.7	605.0	47.2	0.0	0.0	26.0	40.3	50.4	75.1
1987	0.0	43.2	517.2	183.2	86.2	80.7	0.0	0.0	0.0	3.3	3.4	1.6	76.6
1988	1.6	1.8	1.6	1.7	3.3	1.7	1.6	0.0	1.7	1.6	1.7	1.6	1.7
1989	1.6	3.6	3.3	1.7	1.6	1.7	1.6	1.6	3.4	4.9	5.0	4.9	2.9
1990	3.3	3.6	4.9	5.0	4.9	5.0	1.6	8.1	8.4	8.1	6.7	4.9	5.4
1991	4.9	5.4	4.9	5.0	681.4	1453.7	6.5	3.3	1.7	3.3	1.7	1.6	181.1
1992	1.6	1.8	1.6	1.7	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.7
1993	0.0	0.0	0.0	26.9	177.3	238.6	107.3	3.3	0.0	17.9	50.4	29.3	54.2
1994	1.6	1.8	606.6	31.9	32.5	3.4	1.6	4.9	5.0	6.5	6.7	4.9	59.0
1995	4.9	3.6	3.3	8.4	14.6	321.0	14.6	0.0	0.0	1.6	0.0	0.0	31.0
1996	0.0	0.0	0.0	5.0	336.7	205.0	4.9	3.3	8.4	9.8	11.8	8.1	49.4
1997	8.1	212.5	673.3	369.7	349.7	445.3	1.6	1.6	0.0	0.0	0.0	0.0	171.8
Mean	10.2	20.3	66.0	38.7	183.7	280.3	75.3	18.9	6.1	4.8	6.6	7.9	59.9
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 pctile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
25 pctile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
Median	0.0	0.0	0.0	1.7	8.1	13.4	1.6	0.0	0.0	0.0	0.0	0.0	29.5
75 pctile	1.6	3.6	53.7	70.6	123.6	282.3	35.8	3.3	1.7	3.3	1.7	1.6	76.6
90 pctile	47.5	76.0	160.4	123.0	527.9	803.6	192.6	53.3	8.4	12.7	23.9	37.1	177.4
Max	117.1	212.5	673.3	369.7	2384.2	2825.0	1229.5	198.4	95.8	58.5	89.1	84.6	406.7

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.0	15.1	72.8	37.9	196.0	315.7	72.4	6.0	0.8	2.3	3.5	3.2	60.7
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Angostura Contract Negotiation EIS
 River Discharge plus seepage loss of 200 af for zero months
 Historic Plus Seepage (cfs)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1953	117.1	126.0	117.1	110.9	123.6	109.2	188.7	191.9	95.8	6.5	3.4	42.3	102.7
1954	40.7	21.6	16.3	3.4	40.7	58.8	172.4	151.3	79.0	14.6	3.4	1.6	50.3
1955	3.3	3.6	3.3	142.8	289.5	211.8	74.8	58.5	52.1	53.7	89.1	84.6	88.9
1956	82.9	91.8	89.4	85.7	87.8	38.7	35.8	21.1	16.8	3.3	3.4	3.3	46.7
1957	3.3	3.6	3.3	3.4	473.3	509.2	22.8	3.3	3.4	3.3	31.9	52.0	92.7
1958	55.3	57.6	53.7	3.4	1.6	3.4	216.3	198.4	1.7	58.5	47.1	56.9	62.8
1959	52.0	57.6	3.3	3.4	3.3	1.7	3.3	4.9	3.4	3.3	3.4	3.3	11.9
1960	3.3	3.6	3.3	3.4	3.3	1.7	3.3	3.3	3.4	3.3	3.4	3.3	3.2
1961	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
1962	3.3	3.6	3.3	3.4	780.6	2825.0	1229.5	45.5	3.4	3.3	3.4	3.3	409.0
1963	3.3	3.6	19.5	70.6	66.7	660.5	3.3	3.3	1.7	3.3	3.4	3.3	70.2
1964	3.3	3.6	3.3	3.4	3.3	109.2	9.8	3.3	3.4	3.3	3.4	3.3	12.7
1965	3.3	3.6	3.3	3.4	40.7	899.1	135.0	3.3	3.4	3.3	3.4	3.3	92.1
1966	3.3	3.6	112.2	92.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	19.8
1967	3.3	3.6	170.8	72.3	109.0	1846.9	206.5	3.3	3.4	3.3	3.4	3.3	202.4
1968	3.3	3.6	3.3	3.4	3.3	290.7	8.1	3.3	3.4	3.3	3.4	3.3	27.7
1969	3.3	3.6	21.1	13.4	3.3	3.4	673.3	3.3	3.4	3.3	3.4	3.3	61.5
1970	3.3	3.6	3.3	3.4	8.1	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.7
1971	3.3	3.6	3.3	3.4	1273.4	920.9	3.3	3.3	3.4	3.3	3.4	3.3	185.6
1972	3.3	3.6	3.3	3.4	3.3	6.7	3.3	3.3	3.4	3.3	3.4	3.3	3.6
1973	3.3	3.6	3.3	3.4	94.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	10.9
1974	58.5	151.3	52.0	92.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	31.7
1975	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
1976	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
1977	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
1978	3.3	3.6	3.3	3.4	2384.2	231.9	195.2	151.3	3.4	3.3	3.4	3.3	249.1
1979	3.3	3.6	178.9	151.3	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	30.3
1980	3.3	88.2	144.7	68.9	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	27.6
1981	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
1982	3.3	3.6	3.3	3.4	3.3	282.3	30.9	3.3	3.4	3.3	3.4	3.3	11.4
1983	24.4	41.4	91.1	70.6	100.8	13.4	3.3	3.3	3.4	3.3	3.4	3.3	30.1
1984	3.3	3.6	87.8	131.1	564.3	233.6	3.3	3.3	3.4	3.3	3.4	3.3	87.0
1985	3.3	3.6	3.3	3.4	1.6	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.2
1986	3.3	3.6	3.3	3.4	131.7	605.0	47.2	3.3	3.4	26.0	40.3	50.4	76.7
1987	3.3	43.2	517.2	183.2	86.2	80.7	3.3	3.3	3.4	3.3	3.4	1.6	77.6
1988	1.6	1.8	1.6	1.7	3.3	1.7	1.6	3.3	1.7	1.6	1.7	1.6	1.9
1989	1.6	3.6	3.3	1.7	1.6	1.7	1.6	1.6	3.4	4.9	5.0	4.9	2.9
1990	3.3	3.6	4.9	5.0	4.9	5.0	1.6	8.1	8.4	8.1	6.7	4.9	5.4
1991	4.9	5.4	4.9	5.0	681.4	1453.7	6.5	3.3	1.7	3.3	1.7	1.6	181.1
1992	1.6	1.8	1.6	1.7	3.3	3.4	3.3	3.3	3.4	1.6	3.4	3.3	2.6
1993	3.3	3.6	3.3	26.9	177.3	238.6	107.3	3.3	3.4	17.9	50.4	29.3	55.4
1994	1.6	1.8	606.6	31.9	32.5	3.4	1.6	4.9	5.0	6.5	6.7	4.9	59.0
1995	4.9	3.6	3.3	8.4	14.6	321.0	14.6	3.3	3.4	1.6	3.4	3.3	32.1
1996	3.3	3.6	3.3	5.0	336.7	205.0	4.9	3.3	8.4	9.8	11.8	8.1	50.3
1997	8.1	212.5	673.3	369.7	349.7	445.3	1.6	1.6	3.4	3.3	3.4	3.3	172.9
Mean	12.4	22.5	67.7	40.4	184.8	281.4	76.8	21.0	8.6	7.0	10.2	10.1	61.8
Min	1.6	1.8	1.6	1.7	1.6	1.7	1.6	1.6	1.7	1.6	1.7	1.6	1.9
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	2.3	3.3	3.4	3.3	3.4	3.3	3.2
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.7
Median	3.3	3.6	3.3	3.4	8.1	13.4	3.3	3.3	3.4	3.3	3.4	3.3	31.7
75 pctile	3.3	3.6	53.7	70.6	123.6	282.3	35.8	3.3	3.4	3.3	3.4	3.3	77.6
90 pctile	47.5	76.0	160.4	123.0	527.9	803.6	192.6	53.3	8.4	12.7	23.9	37.1	177.8
Max	117.1	212.5	673.3	369.7	2384.2	2825.0	1229.5	198.4	95.8	58.5	89.1	84.6	409.0

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	5.4	17.5	74.5	39.5	197.1	317.0	74.0	8.5	3.5	4.6	6.0	5.6	62.8
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Angostura Contract Negotiation EIS Reservoir River Discharge (cfs) Natural													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1953	4.9	52.2	299.2	50.4	87.8	297.5	14.6	152.9	1.7	8.1	5.0	19.5	82.8
1954	16.3	39.6	50.4	23.5	273.2	35.3	34.2	138.2	0.0	11.4	11.8	16.3	54.2
1955	19.5	28.8	245.6	845.3	302.5	265.5	34.2	440.7	250.4	8.1	11.8	69.9	210.2
1956	42.3	52.2	144.7	37.0	154.5	173.1	0.0	6.5	0.0	0.0	20.2	29.3	55.0
1957	24.4	43.2	94.3	110.9	1312.5	568.0	118.7	120.3	30.3	26.0	37.0	14.6	208.4
1958	21.1	41.4	91.1	184.9	22.8	109.2	886.4	265.1	0.0	0.0	0.0	14.6	136.4
1959	17.9	18.0	105.7	30.3	29.3	188.2	118.7	0.0	3.4	16.3	21.8	22.8	47.7
1960	24.4	32.4	157.8	25.2	19.5	85.7	11.4	0.0	3.4	8.1	20.2	21.1	34.1
1961	24.4	23.4	29.3	16.8	19.5	18.5	56.9	29.3	3.4	16.3	20.2	16.3	22.8
1962	19.5	111.6	118.7	15.1	2076.8	2825.0	1361.3	109.0	0.0	39.0	18.5	19.5	559.5
1963	22.8	162.1	130.1	85.7	151.3	731.0	81.3	3.3	100.8	1.6	6.7	8.1	123.7
1964	19.5	28.8	50.4	102.5	76.4	436.9	45.5	0.0	0.0	0.0	0.0	11.4	64.3
1965	29.3	39.6	96.0	99.2	431.0	961.3	302.5	29.3	20.2	65.1	25.2	22.8	176.8
1966	24.4	36.0	274.9	100.8	4.9	0.0	201.7	286.2	11.8	0.0	0.0	0.0	78.4
1967	0.0	0.0	105.7	95.8	188.7	1882.2	305.8	0.0	21.8	0.0	33.6	29.3	221.9
1968	32.5	57.6	130.1	77.3	53.7	499.1	73.2	92.7	35.3	11.4	28.6	21.1	92.7
1969	26.0	32.4	182.2	84.0	109.0	99.2	907.5	8.1	0.0	6.5	30.3	29.3	126.2
1970	22.8	68.4	120.3	126.0	99.2	0.0	0.0	0.0	0.0	11.4	30.3	26.0	42.0
1971	21.1	82.8	138.2	379.8	1390.5	961.3	22.8	1.6	16.8	39.0	48.7	29.3	261.0
1972	24.4	115.2	326.9	42.0	47.2	102.5	24.4	39.0	3.4	29.3	37.0	22.8	67.8
1973	30.9	45.0	105.7	119.3	351.3	47.1	125.2	19.5	272.3	47.2	53.8	39.0	104.7
1974	144.7	171.1	115.5	132.8	0.0	0.0	0.0	14.6	6.7	19.5	45.4	21.1	56.0
1975	26.0	25.2	182.2	245.4	71.6	124.4	35.8	9.8	0.0	0.0	21.8	37.4	65.0
1976	29.3	57.6	107.3	53.8	58.5	238.6	48.8	45.5	10.1	14.6	20.2	21.1	58.8
1977	21.1	34.2	76.4	105.9	21.1	37.0	55.3	30.9	63.9	40.7	25.2	26.0	44.8
1978	27.6	27.0	801.8	80.7	2532.2	336.1	499.3	296.0	15.1	26.0	26.9	30.9	391.6
1979	30.9	25.2	257.0	154.6	52.0	58.8	149.6	310.6	10.1	14.6	26.9	21.1	92.6
1980	27.6	221.5	162.6	75.6	27.6	75.6	0.0	61.8	0.0	16.3	25.2	37.4	60.9
1981	42.3	45.0	32.5	8.4	34.2	8.4	206.5	146.4	0.0	0.0	15.1	22.8	46.8
1982	26.0	70.2	96.0	38.7	283.0	704.2	123.6	154.5	90.8	102.5	47.1	34.2	147.5
1983	47.2	153.1	104.1	94.1	139.9	84.0	48.8	68.3	0.0	40.7	38.7	27.6	70.5
1984	37.4	147.6	326.9	146.2	609.9	270.6	17.9	34.2	13.4	30.9	38.7	22.8	141.4
1985	29.3	30.6	136.6	38.7	0.0	0.0	39.0	50.4	21.8	27.6	25.2	24.4	35.3
1986	27.6	153.1	401.7	352.9	208.2	702.5	128.5	1.6	132.8	216.3	42.0	29.3	199.7
1987	40.7	131.4	535.1	196.6	144.7	121.0	0.0	9.8	13.4	14.6	35.3	27.6	105.9
1988	22.8	36.0	74.8	30.3	34.2	10.1	27.6	32.5	25.2	13.0	25.2	26.0	29.8
1989	22.8	28.8	81.3	38.7	43.9	6.7	22.8	6.5	100.8	24.4	35.3	29.3	36.8
1990	32.5	39.6	120.3	62.2	92.7	26.9	48.8	32.5	18.5	27.6	33.6	24.4	46.6
1991	27.6	43.2	50.4	40.3	1645.9	1478.9	50.4	1.6	13.4	17.9	40.3	29.3	286.6
1992	29.3	55.8	53.7	26.9	21.1	33.6	58.5	24.4	15.1	17.9	25.2	22.8	32.0
1993	27.6	30.6	429.4	285.7	198.4	331.1	287.9	146.4	30.3	42.3	23.5	27.6	155.1
1994	47.2	138.6	608.3	67.2	50.4	5.0	16.3	27.6	11.8	52.0	26.9	37.4	90.7
1995	48.8	104.4	87.8	63.9	325.3	426.9	40.7	16.3	13.4	35.8	48.7	26.0	103.2
1996	34.2	99.0	232.6	163.0	400.1	233.6	0.0	40.7	40.3	43.9	50.4	37.4	114.6
1997	84.6	696.8	668.4	386.5	361.0	487.4	165.9	105.7	18.5	13.0	5.0	0.0	249.4
Mean	31.2	81.7	194.2	123.1	323.5	357.5	151.1	75.8	32.0	26.6	26.9	25.0	120.7
Min	0.0	0.0	29.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8
10 pctl	19.5	25.9	51.7	25.9	20.2	5.7	0.0	0.7	0.0	0.0	5.7	14.6	35.9
25 pctl	22.8	32.4	94.3	38.7	34.2	35.3	22.8	8.1	1.7	8.1	20.2	21.1	54.2
Median	27.6	45.0	120.3	84.0	99.2	124.4	48.8	32.5	13.4	16.3	25.2	24.4	90.7
75 pctl	32.5	104.4	245.6	132.8	302.5	436.9	128.5	109.0	25.2	35.8	37.0	29.3	147.5
90 pctl	45.2	153.1	418.3	269.6	1031.4	869.2	304.5	220.9	96.8	45.9	46.4	37.4	238.4
Max	144.7	696.8	801.8	845.3	2532.2	2825.0	1361.3	440.7	272.3	216.3	53.8	69.9	559.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	83.3	91.1	204.1	114.4	333.9	388.3	150.8	61.8	31.1	30.2	29.2	24.8	124.4
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 1 No Action 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	29.3	50.4	300.9	43.7	16.3	110.9	3.3	3.3	3.4	3.3	3.4	3.3	47.6
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	331.1	230.9	124.4	3.3	24.4	200.0	3.3	243.7	3.3	97.9
2001	3.3	3.6	66.7	25.2	118.7	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.0
2002	3.3	3.6	3.3	3.4	996.9	445.3	3.3	3.3	3.4	3.3	3.4	3.3	123.0
2003	3.3	3.6	3.3	55.5	3.3	3.4	585.5	13.0	3.4	3.3	99.2	3.3	65.0
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1075.0	2747.7	1171.0	3.3	3.4	3.3	33.6	3.3	421.2
2008	3.3	3.6	84.6	72.3	60.2	643.7	3.3	3.3	3.4	3.3	3.4	3.3	73.9
2009	3.3	3.6	3.3	3.4	3.3	151.3	3.3	3.3	3.4	3.3	3.4	3.3	15.6
2010	3.3	3.6	3.3	3.4	3.3	826.8	78.1	3.3	3.4	3.3	100.8	3.3	86.3
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.5
2012	3.3	3.6	3.3	3.4	8.1	1850.3	22.8	3.3	3.4	3.3	3.4	3.3	159.3
2013	3.3	3.6	3.3	3.4	3.3	431.9	3.3	3.3	3.4	3.3	3.4	3.3	39.0
2014	3.3	3.6	3.3	3.4	3.3	3.4	714.0	3.3	3.4	3.3	3.4	3.3	62.5
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	3.4	1184.0	786.5	3.3	3.3	3.4	3.3	3.4	3.3	167.0
2017	3.3	3.6	35.8	26.9	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	8.0
2018	3.3	3.6	3.3	3.4	224.4	3.4	3.3	3.3	3.4	3.3	79.0	3.3	28.1
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	3.3	3.4	2438.0	161.3	292.7	109.0	3.4	3.3	161.3	3.3	265.1
2024	3.3	3.6	115.5	136.1	3.3	3.4	3.3	3.3	3.4	3.3	110.9	3.3	32.7
2025	3.3	25.2	164.3	45.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	22.0
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	295.8	3.3	3.3	3.4	3.3	194.9	3.3	43.7
2028	3.3	3.6	96.0	87.4	100.8	3.4	3.3	3.3	3.4	3.3	3.4	3.3	26.2
2029	3.3	3.6	47.2	139.5	553.0	124.4	3.3	3.3	3.4	3.3	3.4	3.3	74.2
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	53.8	123.6	574.8	3.3	3.3	3.4	3.3	188.2	3.3	80.6
2032	3.3	3.6	499.3	151.3	115.5	3.4	3.3	3.3	3.4	3.3	3.4	3.3	66.3
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	790.4	1399.9	3.3	3.3	3.4	3.3	3.4	3.3	185.3
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	82.3	107.3	255.4	141.5	42.3	3.4	6.5	240.3	3.3	74.4
2039	3.3	3.6	587.1	43.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.3
2040	3.3	3.6	3.3	3.4	3.3	287.4	3.3	3.3	3.4	3.3	3.4	3.3	27.0
2041	3.3	3.6	3.3	129.4	380.6	45.4	3.3	3.3	3.4	3.3	3.4	3.3	48.8
2042	3.3	484.4	668.4	374.8	326.9	352.9	76.4	3.3	3.4	3.3	26.9	3.3	193.9
Mean	3.8	18.4	66.8	46.7	198.5	260.1	71.2	7.2	7.7	3.3	35.4	3.3	60.2
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
75 pctile	3.3	3.6	47.2	55.5	118.7	287.4	3.3	3.3	3.4	3.3	3.4	3.3	74.2
90 pctile	3.3	3.6	147.3	133.4	695.4	729.4	116.1	3.3	3.4	3.3	141.2	3.3	163.9
Max	29.3	484.4	668.4	374.8	2438.0	2747.7	1171.0	109.0	200.0	6.5	243.7	3.3	421.2
25 Yr.													59.8

NOTE: The following based on 37 years of 2006–2042 as historic 1953–1960 had power generation and irrigation started in 1955.

Mean	3.3	20.4	70.8	44.1	204.3	297.5	70.1	7.2	3.4	3.3	33.2	3.3	63.4
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 2 No Action 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	27.6	142.8	3.3	3.3	3.4	3.3	3.4	3.3	51.3
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	593.2	242.3	147.9	3.3	99.2	206.7	3.3	243.7	3.3	129.4
2001	3.3	3.6	66.7	25.2	123.6	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.5
2002	3.3	3.6	3.3	3.4	1115.7	465.5	3.3	3.3	3.4	3.3	62.2	3.3	139.4
2003	3.3	3.6	3.3	92.4	3.3	3.4	657.0	55.3	3.4	3.3	116.0	3.3	78.9
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1084.8	2761.2	1200.2	3.3	3.4	3.3	87.4	3.3	430.0
2008	3.3	3.6	84.6	73.9	74.8	657.1	3.3	3.3	3.4	3.3	3.4	3.3	76.4
2009	3.3	3.6	3.3	3.4	3.3	265.5	3.3	3.3	3.4	3.3	3.4	3.3	25.2
2010	3.3	3.6	3.3	3.4	99.2	868.8	115.5	3.3	3.4	3.3	142.8	3.3	104.4
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.5
2012	3.3	3.6	3.3	3.4	139.9	1853.7	69.9	3.3	3.4	3.3	3.4	3.3	174.5
2013	3.3	3.6	3.3	43.7	13.0	448.7	3.3	3.3	3.4	3.3	18.5	3.3	45.9
2014	3.3	3.6	26.0	53.8	19.5	3.4	764.4	3.3	3.4	3.3	3.4	3.3	74.2
2015	3.3	3.6	3.3	16.8	19.5	3.4	3.3	3.3	3.4	3.3	3.4	3.3	5.8
2016	3.3	3.6	3.3	3.4	1359.6	815.1	3.3	3.3	3.4	3.3	3.4	3.3	184.0
2017	3.3	3.6	126.9	28.6	3.3	8.4	3.3	3.3	3.4	3.3	3.4	3.3	16.1
2018	3.3	3.6	3.3	3.4	328.5	3.4	3.3	3.3	3.4	3.3	191.6	3.3	46.1
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	328.5	63.9	2483.4	189.9	326.9	138.2	3.4	3.3	178.1	3.3	310.5
2024	3.3	3.6	115.5	137.8	3.3	3.4	3.3	66.7	3.4	3.3	164.7	3.3	42.6
2025	3.3	25.2	164.3	50.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	22.5
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	549.5	3.3	3.3	3.4	11.4	270.6	3.3	71.8
2028	3.3	3.6	96.0	87.4	105.7	3.4	3.3	3.3	3.4	3.3	3.4	3.3	26.6
2029	3.3	3.6	162.6	139.5	561.1	149.6	3.3	3.3	3.4	3.3	3.4	3.3	86.6
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	273.9	138.2	596.6	3.3	3.3	3.4	17.9	262.2	3.3	109.3
2032	3.3	3.6	499.3	158.0	118.7	3.4	3.3	3.3	3.4	3.3	3.4	3.3	67.2
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	796.9	1411.7	3.3	3.3	3.4	3.3	3.4	3.3	186.8
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	257.1	122.0	265.5	164.3	56.9	3.4	13.0	240.3	3.3	94.7
2039	3.3	3.6	587.1	47.1	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.6
2040	3.3	3.6	3.3	3.4	78.1	359.6	3.3	3.3	3.4	3.3	3.4	3.3	39.2
2041	3.3	3.6	65.1	149.6	382.2	77.3	3.3	3.3	3.4	3.3	3.4	3.3	58.4
2042	3.3	558.2	668.4	374.8	331.8	374.8	87.8	3.3	3.4	3.3	73.9	3.3	207.2
Mean	3.9	20.1	80.5	66.7	218.6	277.6	77.9	12.1	7.9	4.0	48.0	3.3	68.4
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	13.0	3.4	3.3	3.3	3.4	3.3	3.4	3.3	42.6
75 pctile	3.3	3.6	96.0	87.4	138.2	359.6	3.3	3.3	3.4	3.3	62.2	3.3	86.6
90 pctile	3.3	3.6	246.2	154.6	702.6	751.9	144.7	34.5	3.4	3.3	186.2	3.3	180.2
Max	30.9	558.2	668.4	593.2	2483.4	2761.2	1200.2	138.2	206.7	17.9	270.6	3.3	430.0

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	22.4	87.5	60.4	224.7	316.8	76.4	10.1	3.4	4.1	46.5	3.3	71.6
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 5 Reservoir Recreation 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	16.3	203.3	3.3	3.3	3.4	3.3	3.4	3.3	55.4
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	250.4	230.9	218.5	3.3	167.5	203.3	3.3	6.7	3.3	91.4
2001	3.3	3.6	66.7	25.2	118.7	60.5	3.3	3.3	3.4	3.3	3.4	3.3	24.8
2002	3.3	3.6	3.3	3.4	943.3	537.8	3.3	3.3	3.4	3.3	3.4	3.3	126.2
2003	3.3	3.6	3.3	3.4	3.3	3.4	717.2	82.9	3.4	3.3	3.4	3.3	69.5
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1317.3	2838.5	1249.0	3.3	3.4	3.3	3.4	3.3	452.9
2008	3.3	3.6	3.3	21.8	60.2	736.1	3.3	3.3	3.4	3.3	3.4	3.3	70.7
2009	3.3	3.6	3.3	3.4	3.3	156.3	3.3	3.3	3.4	3.3	3.4	3.3	16.1
2010	3.3	3.6	3.3	3.4	3.3	831.9	154.5	3.3	3.4	3.3	3.4	3.3	85.0
2011	3.3	3.6	55.3	90.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	14.9
2012	3.3	3.6	3.3	3.4	8.1	1941.0	100.8	3.3	3.4	3.3	3.4	3.3	173.3
2013	3.3	3.6	3.3	3.4	3.3	361.3	3.3	3.3	3.4	3.3	3.4	3.3	33.1
2014	3.3	3.6	3.3	3.4	3.3	3.4	805.0	3.3	3.4	3.3	3.4	3.3	70.1
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	3.4	1081.5	880.6	3.3	3.3	3.4	3.3	3.4	3.3	166.3
2017	3.3	3.6	3.3	3.4	3.3	47.1	3.3	3.3	3.4	3.3	3.4	3.3	7.0
2018	3.3	3.6	3.3	3.4	159.4	3.4	3.3	3.3	3.4	32.5	48.7	3.3	22.5
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	9.8	60.5	2473.7	253.8	369.2	175.6	3.4	3.3	3.4	3.3	280.2
2024	3.3	3.6	50.4	136.1	3.3	3.4	3.3	193.5	3.4	3.3	3.4	3.3	34.2
2025	3.3	3.6	107.3	45.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	15.5
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	386.5	3.3	3.3	3.4	69.9	42.0	3.3	44.0
2028	3.3	3.6	96.0	87.4	100.8	60.5	3.3	3.3	3.4	3.3	3.4	3.3	30.9
2029	3.3	3.6	3.3	131.1	553.0	215.1	3.3	3.3	3.4	3.3	3.4	3.3	77.4
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	73.9	123.6	667.2	3.3	3.3	3.4	69.9	38.7	3.3	83.0
2032	3.3	3.6	499.3	151.3	115.5	5.0	3.3	3.3	3.4	3.3	3.4	3.3	66.5
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	957.9	1490.7	3.3	3.3	3.4	3.3	3.4	3.3	206.8
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	6.7	107.3	347.9	216.3	104.1	3.4	14.6	18.5	3.3	69.3
2039	3.3	3.6	587.1	43.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.3
2040	3.3	3.6	3.3	3.4	3.3	378.1	3.3	3.3	3.4	3.3	3.4	3.3	34.5
2041	3.3	3.6	3.3	47.1	380.6	136.1	3.3	3.3	3.4	3.3	3.4	3.3	49.5
2042	3.3	392.5	668.4	374.8	326.9	443.7	151.3	3.3	3.4	3.3	3.4	3.3	198.1
Mean	3.9	15.9	59.3	40.1	203.6	294.9	86.3	19.0	7.8	7.1	6.4	3.3	62.3
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	3.3	5.0	3.3	3.3	3.4	3.3	3.4	3.3	33.1
75 pctile	3.3	3.6	3.3	45.4	118.7	361.3	3.3	3.3	3.4	3.3	3.4	3.3	70.7
90 pctile	3.3	3.6	112.2	127.7	787.2	793.6	191.6	51.1	3.4	3.3	5.4	3.3	170.5
Max	30.9	392.5	668.4	374.8	2473.7	2838.5	1249.0	193.5	203.3	69.9	48.7	3.3	452.9

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	17.3	61.6	39.7	211.9	330.8	85.0	15.8	3.4	8.0	7.0	3.3	65.6
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 6 Reservoir Recreation 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	27.6	235.3	3.3	3.3	3.4	3.3	3.4	3.3	59.0
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	505.8	242.3	242.0	3.3	244.0	210.1	3.3	6.7	3.3	122.6
2001	3.3	3.6	66.7	25.2	123.6	95.8	3.3	3.3	3.4	3.3	3.4	3.3	28.2
2002	3.3	3.6	3.3	3.4	1032.7	557.9	3.3	3.3	3.4	3.3	3.4	3.3	135.3
2003	3.3	3.6	3.3	63.9	3.3	11.8	814.8	125.2	3.4	3.3	3.4	3.3	86.9
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1325.5	2851.9	1278.3	3.3	3.4	3.3	3.4	3.3	457.1
2008	3.3	3.6	6.5	73.9	74.8	749.5	3.3	3.3	3.4	3.3	3.4	3.3	77.6
2009	3.3	3.6	3.3	3.4	3.3	273.9	3.3	3.3	3.4	3.3	3.4	3.3	25.9
2010	3.3	3.6	3.3	3.4	14.6	961.3	191.9	3.3	3.4	3.3	3.4	3.3	99.8
2011	3.3	3.6	96.0	90.8	3.3	3.4	3.3	105.7	3.4	3.3	3.4	3.3	26.9
2012	3.3	3.6	3.3	3.4	39.0	1944.4	148.0	3.3	3.4	3.3	3.4	3.3	180.1
2013	3.3	3.6	3.3	3.4	3.3	435.3	3.3	3.3	3.4	3.3	3.4	3.3	39.3
2014	3.3	3.6	3.3	5.0	19.5	79.0	857.1	3.3	3.4	3.3	3.4	3.3	82.3
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	3.4	1240.9	909.2	3.3	3.3	3.4	3.3	3.4	3.3	181.9
2017	3.3	3.6	40.7	28.6	3.3	102.5	3.3	3.3	3.4	3.3	3.4	3.3	16.8
2018	3.3	3.6	3.3	3.4	240.7	3.4	3.3	3.3	107.6	40.7	48.7	3.3	38.7
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	35.3	3.3	3.3	3.4	3.3	3.4	3.3	6.0
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	304.1	63.9	2483.4	282.3	403.3	204.9	3.4	3.3	3.4	3.3	313.5
2024	3.3	3.6	68.3	137.8	3.3	8.4	65.1	226.1	3.4	3.3	3.4	3.3	44.1
2025	3.3	3.6	123.6	50.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	17.3
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	640.3	3.3	19.5	45.4	94.3	42.0	3.3	72.1
2028	3.3	3.6	96.0	87.4	105.7	79.0	3.3	3.3	3.4	3.3	3.4	3.3	32.9
2029	3.3	3.6	97.6	139.5	561.1	240.3	3.3	3.3	3.4	3.3	3.4	3.3	88.8
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	198.3	138.2	689.0	3.3	3.3	3.4	154.5	38.7	3.3	103.5
2032	3.3	3.6	499.3	158.0	118.7	40.3	3.3	3.3	3.4	3.3	3.4	3.3	70.2
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	964.4	1502.4	3.3	3.3	3.4	3.3	3.4	3.3	208.3
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	179.8	122.0	358.0	239.1	118.7	3.4	21.1	18.5	3.3	89.5
2039	3.3	3.6	587.1	47.1	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.6
2040	3.3	3.6	3.3	3.4	78.1	450.4	3.3	3.3	3.4	3.3	3.4	3.3	46.8
2041	3.3	3.6	3.3	131.1	382.2	168.1	3.3	3.3	3.4	3.3	3.4	3.3	59.3
2042	3.3	470.0	668.4	374.8	331.8	465.5	162.6	3.3	3.4	3.3	3.4	3.3	207.7
Mean	3.9	17.6	70.5	58.0	216.6	321.5	95.1	25.9	11.2	9.9	6.4	3.3	70.0
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	3.3	79.0	3.3	3.3	3.4	3.3	3.4	3.3	39.3
75 pctile	3.3	3.6	66.7	73.9	123.6	435.3	3.3	3.3	3.4	3.3	3.4	3.3	88.8
90 pctile	3.3	3.6	230.0	150.6	803.1	845.3	220.2	113.5	3.4	3.3	5.4	3.3	181.2
Max	30.9	470.0	668.4	505.8	2483.4	2851.9	1278.3	244.0	210.1	154.5	48.7	3.3	457.1

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	19.4	75.3	53.0	224.5	359.9	93.0	21.1	7.3	11.3	7.0	3.3	73.2
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 13 Improved Efficiency 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	21.1	50.4	300.9	43.7	27.6	146.2	3.3	3.3	3.4	3.3	3.4	3.3	50.8
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	618.4	244.0	149.6	3.3	104.1	206.7	3.3	243.7	3.3	182.2
2001	3.3	3.6	66.7	25.2	125.2	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.6
2002	3.3	3.6	3.3	3.4	1125.4	467.2	3.3	3.3	3.4	3.3	68.9	3.3	140.9
2003	3.3	3.6	3.3	92.4	3.3	3.4	661.9	58.5	3.4	3.3	117.6	3.3	79.8
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1084.8	2761.2	1203.5	3.3	3.4	3.3	92.4	3.3	430.7
2008	3.3	3.6	84.6	73.9	76.4	658.8	3.3	3.3	3.4	3.3	3.4	3.3	76.7
2009	3.3	3.6	3.3	3.4	3.3	275.6	3.3	3.3	3.4	3.3	3.4	3.3	26.0
2010	3.3	3.6	3.3	3.4	110.6	870.5	118.7	3.3	3.4	3.3	144.5	3.3	105.9
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.5
2012	3.3	3.6	3.3	3.4	151.3	1853.7	73.2	3.3	3.4	3.3	3.4	3.3	175.7
2013	3.3	3.6	3.3	47.1	13.0	450.4	3.3	3.3	3.4	3.3	21.8	3.3	46.6
2014	3.3	3.6	26.0	53.8	21.1	3.4	767.6	3.3	3.4	3.3	3.4	3.3	74.6
2015	3.3	3.6	3.3	21.8	21.1	3.4	3.3	3.3	3.4	3.3	3.4	3.3	6.3
2016	3.3	3.6	3.3	3.4	1371.0	818.4	3.3	3.3	3.4	3.3	3.4	3.3	185.2
2017	3.3	3.6	133.4	28.6	3.3	8.4	3.3	3.3	3.4	3.3	3.4	3.3	16.7
2018	3.3	3.6	3.3	3.4	333.4	3.4	3.3	3.3	3.4	3.3	200.0	3.3	47.2
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	357.8	63.9	2483.4	191.6	328.5	141.5	3.4	3.3	179.8	3.3	313.6
2024	3.3	3.6	115.5	139.5	3.3	3.4	3.3	73.2	3.4	3.3	166.4	3.3	43.4
2025	3.3	25.2	164.3	50.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	22.5
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	568.0	3.3	3.3	3.4	17.9	270.6	3.3	73.9
2028	3.3	3.6	96.0	87.4	105.7	3.4	3.3	3.3	3.4	3.3	3.4	3.3	26.6
2029	3.3	3.6	172.4	139.5	562.7	151.3	3.3	3.3	3.4	3.3	3.4	3.3	87.7
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	290.7	138.2	596.6	3.3	3.3	3.4	24.4	262.2	3.3	111.3
2032	3.3	3.6	499.3	158.0	120.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	67.3
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	796.9	1413.3	3.3	3.3	3.4	3.3	3.4	3.3	187.0
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	268.9	123.6	267.2	165.9	56.9	3.4	14.6	240.3	3.3	96.2
2039	3.3	3.6	587.1	47.1	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.6
2040	3.3	3.6	3.3	3.4	87.8	361.3	3.3	3.3	3.4	3.3	3.4	3.3	40.2
2041	3.3	3.6	3.3	149.6	383.8	80.7	3.3	3.3	3.4	3.3	3.4	3.3	53.7
2042	3.3	565.4	668.4	374.8	331.8	376.4	87.8	3.3	3.4	3.3	77.3	3.3	208.2
Mean	3.7	20.2	80.2	68.1	220.2	278.9	78.4	12.5	7.9	4.3	48.7	3.3	68.9
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	13.0	3.4	3.3	3.3	3.4	3.3	3.4	3.3	43.4
75 pctile	3.3	3.6	96.0	87.4	138.2	361.3	3.3	3.3	3.4	3.3	68.9	3.3	87.7
90 pctile	3.3	3.6	249.5	154.6	703.2	754.6	147.0	35.5	3.4	3.3	191.9	3.3	181.4
Max	21.1	565.4	668.4	618.4	2483.4	2761.2	1203.5	141.5	206.7	24.4	270.6	3.3	430.7

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	22.6	87.0	61.4	226.4	318.1	76.8	10.3	3.4	4.5	47.2	3.3	72.0
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 14 Improved Efficiency 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	37.4	171.4	3.3	3.3	3.4	3.3	3.4	3.3	54.5
1999	3.3	3.6	3.3	3.4	89.4	3.4	3.3	3.3	3.4	3.3	3.4	3.3	10.5
2000	3.3	3.6	3.3	734.4	253.7	168.1	3.3	162.6	211.8	3.3	243.7	3.3	149.5
2001	3.3	3.6	66.7	26.9	128.5	31.9	3.3	3.3	3.4	3.3	3.4	3.3	23.4
2002	3.3	3.6	3.3	3.4	1198.6	482.3	3.3	3.3	3.4	3.3	147.9	3.3	154.9
2003	3.3	3.6	3.3	94.1	3.3	3.4	715.6	92.7	3.4	3.3	132.8	3.3	88.5
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1359.6	2771.2	1227.9	3.3	3.4	3.3	139.5	3.3	460.4
2008	3.3	3.6	84.6	75.6	89.4	668.9	3.3	3.3	3.4	3.3	30.3	3.3	81.0
2009	3.3	3.6	3.3	3.4	3.3	341.2	3.3	3.3	3.4	3.3	3.4	3.3	31.5
2010	3.3	3.6	3.3	3.4	208.2	884.0	148.0	3.3	3.4	3.3	173.1	3.3	120.0
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	20.5
2012	3.3	3.6	17.9	84.0	165.9	1857.0	112.2	3.3	3.4	3.3	21.8	3.3	189.9
2013	3.3	3.6	11.4	68.9	19.5	457.1	3.3	3.3	3.4	3.3	92.4	3.3	56.0
2014	3.3	3.6	26.0	58.8	35.8	6.7	800.2	3.3	3.4	3.3	3.4	3.3	79.2
2015	3.3	3.6	3.3	75.6	32.5	3.4	3.3	3.3	3.4	3.3	3.4	3.3	11.8
2016	3.3	3.6	3.3	105.9	1374.3	842.0	3.3	3.3	3.4	3.3	3.4	3.3	196.0
2017	3.3	3.6	206.5	28.6	3.3	30.3	3.3	3.3	3.4	3.3	3.4	3.3	24.6
2018	3.3	3.6	3.3	63.9	335.0	3.4	3.3	3.3	3.4	14.6	280.7	3.3	60.1
2019	3.3	122.4	115.5	124.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.7
2020	3.3	3.6	3.3	3.4	16.3	63.9	3.3	3.3	3.4	3.3	3.4	3.3	9.4
2021	3.3	3.6	3.3	3.4	3.3	33.6	3.3	3.3	3.4	3.3	3.4	3.3	5.8
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	614.8	65.5	2491.6	215.1	356.2	165.9	3.4	3.3	194.9	3.3	343.4
2024	3.3	3.6	115.5	139.5	3.3	3.4	3.3	148.0	3.4	3.3	178.1	3.3	50.6
2025	3.3	25.2	164.3	53.8	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	22.7
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	130.1	648.7	3.3	3.3	3.4	84.6	270.6	3.3	96.7
2028	3.3	3.6	96.0	87.4	110.6	5.0	3.3	3.3	3.4	3.3	3.4	3.3	27.1
2029	3.3	3.6	265.1	139.5	569.2	169.7	3.3	3.3	3.4	3.3	3.4	3.3	97.5
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	125.2	341.2	149.6	613.4	3.3	3.3	3.4	89.4	262.2	3.3	133.4
2032	3.3	3.6	499.3	163.0	122.0	3.4	3.3	3.3	3.4	3.3	3.4	3.3	67.9
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	1053.9	1421.8	3.3	3.3	3.4	3.3	3.4	3.3	209.1
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	136.6	272.3	135.0	275.6	183.8	69.9	3.4	19.5	240.3	3.3	112.2
2039	3.3	3.6	587.1	48.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.8
2040	3.3	3.6	3.3	3.4	196.8	371.4	3.3	3.3	3.4	3.3	3.4	3.3	50.1
2041	3.3	3.6	3.3	151.3	383.8	105.9	3.3	3.3	3.4	3.3	40.3	3.3	59.0
2042	3.3	590.6	668.4	374.8	335.0	394.9	97.6	3.3	3.4	3.3	116.0	3.3	216.1
Mean	3.9	20.8	95.7	79.5	246.3	291.1	83.6	17.1	8.0	7.6	59.2	3.3	76.3
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	9.4
Median	3.3	3.6	3.3	43.7	35.8	30.3	3.3	3.3	3.4	3.3	3.4	3.3	50.6
75 pctile	3.3	3.6	115.5	90.8	196.8	371.4	3.3	3.3	3.4	3.3	116.0	3.3	97.5
90 pctile	3.3	3.6	286.6	158.3	860.0	772.7	169.5	43.3	3.4	3.3	222.2	3.3	193.6
Max	30.9	590.6	668.4	734.4	2491.6	2771.2	1227.9	165.9	211.8	89.4	280.7	3.3	460.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	23.3	106.0	72.1	253.1	330.6	81.7	13.4	3.4	8.5	57.3	3.3	79.7
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 15 Improved Efficiency 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	27.6	238.6	3.3	3.3	3.4	3.3	3.4	3.3	59.3
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	532.7	244.0	243.7	3.3	248.8	210.1	3.3	6.7	3.3	125.5
2001	3.3	3.6	66.7	25.2	125.2	97.5	3.3	3.3	3.4	3.3	3.4	3.3	28.4
2002	3.3	3.6	3.3	3.4	1040.9	559.6	3.3	3.3	3.4	3.3	3.4	3.3	136.1
2003	3.3	3.6	3.3	70.6	3.3	15.1	816.4	128.5	3.4	3.3	3.4	3.3	88.1
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1325.6	2851.9	1281.6	3.3	3.4	3.3	3.4	3.3	457.4
2008	3.3	3.6	11.4	73.9	76.4	751.2	3.3	3.3	3.4	3.3	3.4	3.3	78.3
2009	3.3	3.6	3.3	3.4	3.3	285.7	3.3	3.3	3.4	3.3	3.4	3.3	26.8
2010	3.3	3.6	3.3	3.4	26.0	963.0	195.2	3.3	3.4	3.3	3.4	3.3	101.2
2011	3.3	3.6	99.2	90.8	3.3	3.4	3.3	115.5	3.4	3.3	3.4	3.3	27.9
2012	3.3	3.6	3.3	3.4	42.3	1944.4	151.3	3.3	3.4	3.3	3.4	3.3	180.7
2013	3.3	3.6	3.3	3.4	3.3	440.3	3.3	3.3	3.4	3.3	3.4	3.3	39.7
2014	3.3	3.6	3.3	8.4	21.1	80.7	858.7	3.3	3.4	3.3	3.4	3.3	83.0
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	3.4	1260.4	912.5	3.3	3.3	3.4	3.3	3.4	3.3	183.8
2017	3.3	3.6	47.2	28.6	3.3	102.5	3.3	3.3	3.4	3.3	3.4	3.3	17.3
2018	3.3	3.6	3.3	3.4	247.2	3.4	3.3	3.3	116.0	40.7	48.7	3.3	39.9
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	45.4	3.3	3.3	3.4	3.3	3.4	3.3	6.8
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	326.9	63.9	2483.4	284.0	405.0	208.2	3.4	3.3	3.4	3.3	316.0
2024	3.3	3.6	69.9	139.5	3.3	11.8	66.7	227.7	3.4	3.3	3.4	3.3	44.9
2025	3.3	3.6	125.2	50.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	17.4
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	658.8	3.3	26.0	45.4	94.3	42.0	3.3	74.1
2028	3.3	3.6	96.0	87.4	105.7	80.7	3.3	3.3	3.4	3.3	3.4	3.3	33.0
2029	3.3	3.6	105.7	139.5	562.7	242.0	3.3	3.3	3.4	3.3	3.4	3.3	89.7
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	215.1	138.2	689.0	3.3	3.3	3.4	161.0	38.7	3.3	105.4
2032	3.3	3.6	499.3	158.0	120.3	43.7	3.3	3.3	3.4	3.3	3.4	3.3	70.7
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	964.4	1504.1	3.3	3.3	3.4	3.3	3.4	3.3	208.5
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	194.9	123.6	359.6	240.7	118.7	3.4	22.8	18.5	3.3	91.3
2039	3.3	3.6	587.1	47.1	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.6
2040	3.3	3.6	3.3	3.4	87.8	452.1	3.3	3.3	3.4	3.3	3.4	3.3	47.8
2041	3.3	3.6	3.3	136.1	383.8	171.4	3.3	3.3	3.4	3.3	3.4	3.3	60.1
2042	3.3	477.2	668.4	374.8	331.8	467.2	162.6	3.3	3.4	3.3	3.4	3.3	208.5
Mean	3.9	17.8	71.6	59.7	218.1	323.5	95.4	26.6	11.4	10.0	6.4	3.3	70.6
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	3.3	80.7	3.3	3.3	3.4	3.3	3.4	3.3	39.9
75 pctile	3.3	3.6	66.7	73.9	125.2	440.3	3.3	3.3	3.4	3.3	3.4	3.3	89.7
90 pctile	3.3	3.6	230.6	150.6	803.7	848.0	222.5	117.4	3.4	3.3	5.4	3.3	182.6
Max	30.9	477.2	668.4	532.7	2483.4	2851.9	1281.6	248.8	210.1	161.0	48.7	3.3	457.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	19.6	76.6	54.1	226.1	362.0	98.4	21.6	7.5	11.5	7.0	3.3	73.8
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 16 Improved Efficiency 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	37.4	263.8	3.3	3.3	3.4	3.3	3.4	3.3	62.2
1999	3.3	3.6	3.3	3.4	3.3	11.8	3.3	3.3	3.4	3.3	3.4	3.3	4.0
2000	3.3	3.6	3.3	727.7	253.7	262.2	3.3	307.4	215.1	3.3	6.7	3.3	149.4
2001	3.3	3.6	66.7	26.9	128.5	126.0	3.3	3.3	3.4	3.3	3.4	3.3	31.2
2002	3.3	3.6	3.3	3.4	1115.7	574.8	3.3	39.0	3.4	3.3	25.2	3.3	148.4
2003	3.3	3.6	3.3	94.1	3.3	47.1	839.2	162.6	3.4	3.3	3.4	3.3	97.5
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1332.0	2862.0	1306.0	3.3	3.4	3.3	3.4	3.3	460.8
2008	3.3	3.6	56.9	75.6	89.4	761.3	6.5	3.3	3.4	3.3	3.4	3.3	84.4
2009	3.3	3.6	3.3	3.4	3.3	371.4	3.3	3.3	3.4	3.3	3.4	3.3	34.0
2010	3.3	3.6	3.3	3.4	122.0	976.4	224.4	3.3	3.4	3.3	11.8	3.3	113.4
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	213.1	3.4	3.3	3.4	3.3	38.0
2012	3.3	3.6	3.3	3.4	55.3	1947.8	190.3	3.3	3.4	3.3	3.4	3.3	185.3
2013	3.3	3.6	3.3	3.4	3.3	499.1	3.3	6.5	3.4	3.3	3.4	3.3	44.9
2014	3.3	3.6	24.4	58.8	35.8	97.5	878.2	3.3	3.4	3.3	3.4	3.3	93.2
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	50.4	1374.3	936.1	3.3	3.3	3.4	3.3	3.4	3.3	199.2
2017	3.3	3.6	118.7	28.6	3.3	124.4	3.3	3.3	3.4	3.3	3.4	3.3	25.1
2018	3.3	3.6	3.3	3.4	313.9	3.4	53.7	3.3	159.7	40.7	48.7	3.3	53.3
2019	3.3	122.4	115.5	124.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.7
2020	3.3	3.6	3.3	3.4	16.3	156.3	3.3	3.3	3.4	3.3	3.4	3.3	17.1
2021	3.3	3.6	3.3	3.4	3.3	38.7	3.3	3.3	3.4	3.3	3.4	3.3	6.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	539.9	65.5	2491.6	307.5	432.6	232.6	3.4	3.3	3.4	3.3	340.8
2024	3.3	3.6	84.6	139.5	3.3	42.0	91.1	252.1	3.4	3.3	3.4	3.3	52.7
2025	3.3	3.6	138.2	53.8	3.3	25.2	3.3	3.3	3.4	3.3	3.4	3.3	20.6
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	109.0	741.1	21.1	71.6	52.1	94.3	42.0	3.3	95.7
2028	3.3	3.6	96.0	87.4	110.6	95.8	3.3	3.3	3.4	3.3	3.4	3.3	34.7
2029	3.3	3.6	183.8	139.5	569.2	260.5	3.3	3.3	3.4	3.3	3.4	3.3	98.3
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	48.8	341.2	149.6	705.8	22.8	3.3	6.7	204.9	38.7	3.3	127.7
2032	3.3	3.6	499.3	163.0	122.0	70.6	3.3	3.3	3.4	3.3	3.4	3.3	73.5
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	1027.9	1512.5	3.3	3.3	3.4	3.3	3.4	3.3	214.5
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	65.1	272.3	135.0	368.0	258.6	131.7	3.4	27.6	18.5	3.3	107.5
2039	3.3	3.6	587.1	48.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.8
2040	3.3	3.6	3.3	3.4	196.8	462.2	3.3	3.3	3.4	3.3	3.4	3.3	57.7
2041	3.3	3.6	3.3	151.3	383.8	196.6	3.3	3.3	3.4	3.3	3.4	3.3	63.5
2042	3.3	538.4	668.4	374.8	335.0	485.7	172.4	14.6	3.4	3.3	3.4	3.3	217.1
Mean	3.9	19.2	84.6	72.0	235.0	341.8	102.2	34.3	12.7	11.1	7.1	3.3	77.3
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctl	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctl	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	4.0
Median	3.3	3.6	3.3	3.4	16.3	97.5	3.3	3.3	3.4	3.3	3.4	3.3	52.7
75 pctl	3.3	3.6	84.6	87.4	149.6	462.2	21.1	3.3	3.4	3.3	3.4	3.3	98.3
90 pctl	3.3	3.6	254.0	158.3	844.4	866.2	244.9	150.3	3.4	3.3	15.8	3.3	193.6
Max	30.9	538.4	668.4	727.7	2491.6	2862.0	1306.0	307.4	215.1	204.9	48.7	3.3	460.8

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	21.3	92.4	63.0	244.0	380.8	101.1	27.6	9.0	12.8	7.2	3.3	80.5
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 17 Improved Efficiency 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	27.6	238.6	3.3	3.3	3.4	3.3	3.4	3.3	59.3
1999	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2000	3.3	3.6	3.3	532.7	244.0	243.7	3.3	248.8	210.1	3.3	6.7	3.3	125.5
2001	3.3	3.6	66.7	25.2	125.2	97.5	3.3	3.3	3.4	3.3	3.4	3.3	28.4
2002	3.3	3.6	3.3	3.4	1040.9	559.6	3.3	3.3	3.4	3.3	3.4	3.3	136.1
2003	3.3	3.6	3.3	70.6	3.3	15.1	816.4	128.5	3.4	3.3	3.4	3.3	88.1
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1543.4	2851.9	1281.6	3.3	3.4	3.3	3.4	3.3	475.6
2008	3.3	3.6	11.4	73.9	76.4	751.2	3.3	3.3	3.4	3.3	3.4	3.3	78.3
2009	3.3	3.6	3.3	3.4	3.3	285.7	3.3	3.3	3.4	3.3	3.4	3.3	26.8
2010	3.3	3.6	3.3	3.4	26.0	963.0	195.2	3.3	3.4	3.3	3.4	3.3	101.2
2011	3.3	3.6	99.2	90.8	3.3	3.4	3.3	115.5	3.4	3.3	3.4	3.3	27.9
2012	3.3	3.6	3.3	3.4	42.3	1944.4	151.3	3.3	3.4	3.3	3.4	3.3	180.7
2013	3.3	3.6	3.3	3.4	3.3	440.3	3.3	3.3	3.4	3.3	3.4	3.3	39.7
2014	3.3	3.6	3.3	8.4	21.1	80.7	858.7	3.3	3.4	3.3	3.4	3.3	83.0
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	3.4	1288.1	912.5	3.3	3.3	3.4	3.3	3.4	3.3	186.2
2017	3.3	3.6	47.2	28.6	3.3	102.5	3.3	3.3	3.4	3.3	3.4	3.3	17.3
2018	3.3	3.6	3.3	3.4	247.2	3.4	3.3	3.3	116.0	40.7	48.7	3.3	39.9
2019	3.3	122.4	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.5
2020	3.3	3.6	3.3	3.4	3.3	45.4	3.3	3.3	3.4	3.3	3.4	3.3	6.8
2021	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	326.9	63.9	2483.4	284.0	405.0	208.2	3.4	3.3	3.4	3.3	316.0
2024	3.3	3.6	69.9	139.5	3.3	11.8	66.7	227.7	3.4	3.3	3.4	3.3	44.9
2025	3.3	3.6	125.2	50.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	17.4
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	3.3	658.8	3.3	26.0	45.4	94.3	42.0	3.3	74.1
2028	3.3	3.6	96.0	87.4	105.7	80.7	3.3	3.3	3.4	3.3	3.4	3.3	33.0
2029	3.3	3.6	105.7	139.5	562.7	242.0	3.3	3.3	3.4	3.3	3.4	3.3	89.7
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	3.3	267.2	138.2	689.0	3.3	3.3	3.4	161.0	38.7	3.3	109.8
2032	3.3	3.6	499.3	158.0	120.3	43.7	3.3	3.3	3.4	3.3	3.4	3.3	70.7
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	1143.3	1504.1	3.3	3.3	3.4	3.3	3.4	3.3	223.4
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	3.3	194.9	123.6	359.6	240.7	118.7	3.4	22.8	18.5	3.3	91.3
2039	3.3	3.6	587.1	47.1	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.6
2040	3.3	3.6	3.3	3.4	87.8	452.1	3.3	3.3	3.4	3.3	3.4	3.3	47.8
2041	3.3	3.6	3.3	136.1	383.8	171.4	3.3	3.3	3.4	3.3	3.4	3.3	60.1
2042	3.3	477.2	668.4	374.8	331.8	467.2	162.6	3.3	3.4	3.3	3.4	3.3	208.5
Mean	3.9	17.8	71.6	60.9	227.6	323.5	95.4	26.6	11.4	10.0	6.4	3.3	71.5
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctlle	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctlle	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
Median	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	39.9
75 pctlle	3.3	3.6	66.7	78.9	125.2	440.3	3.3	3.3	3.4	3.3	3.4	3.3	89.7
90 pctlle	3.3	3.6	230.6	150.6	849.6	848.0	222.5	117.4	3.4	3.3	5.4	3.3	184.0
Max	30.9	477.2	668.4	532.7	2483.4	2851.9	1281.6	248.8	210.1	161.0	48.7	3.3	475.6

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	19.6	76.6	55.5	237.6	362.0	93.4	21.6	7.5	11.5	7.0	3.3	74.9
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 18 Improved Efficiency 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	37.4	263.8	3.3	3.3	3.4	3.3	3.4	3.3	62.2
1999	3.3	3.6	3.3	3.4	3.3	11.8	3.3	3.3	3.4	3.3	3.4	3.3	4.0
2000	3.3	3.6	3.3	727.7	253.7	262.2	3.3	307.4	215.1	3.3	6.7	3.3	149.4
2001	3.3	3.6	66.7	26.9	128.5	126.0	3.3	3.3	3.4	3.3	3.4	3.3	31.2
2002	3.3	3.6	3.3	3.4	1115.7	574.8	3.3	39.0	3.4	3.3	25.2	3.3	148.4
2003	3.3	3.6	3.3	94.1	3.3	47.1	839.2	162.6	3.4	3.3	3.4	3.3	97.5
2004	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2007	3.3	3.6	3.3	3.4	1549.9	2862.0	1306.0	3.3	3.4	3.3	3.4	3.3	479.0
2008	3.3	3.6	56.9	75.6	89.4	761.3	6.5	3.3	3.4	3.3	3.4	3.3	84.4
2009	3.3	3.6	3.3	3.4	3.3	371.4	3.3	3.3	3.4	3.3	3.4	3.3	34.0
2010	3.3	3.6	3.3	3.4	122.0	976.4	224.4	3.3	3.4	3.3	11.8	3.3	113.4
2011	3.3	3.6	122.0	90.8	3.3	3.4	3.3	213.1	3.4	3.3	3.4	3.3	38.0
2012	3.3	3.6	3.3	3.4	55.3	1947.8	190.3	3.3	3.4	3.3	3.4	3.3	185.3
2013	3.3	3.6	3.3	3.4	3.3	499.1	3.3	6.5	3.4	3.3	3.4	3.3	44.9
2014	3.3	3.6	24.4	58.8	35.8	97.5	878.2	3.3	3.4	3.3	3.4	3.3	98.2
2015	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2016	3.3	3.6	3.3	50.4	1374.3	936.1	3.3	3.3	3.4	3.3	3.4	3.3	199.2
2017	3.3	3.6	118.7	28.6	3.3	124.4	3.3	3.3	3.4	3.3	3.4	3.3	25.1
2018	3.3	3.6	3.3	3.4	313.9	3.4	53.7	3.3	159.7	40.7	48.7	3.3	53.3
2019	3.3	122.4	115.5	124.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	32.7
2020	3.3	3.6	3.3	3.4	16.3	156.3	3.3	3.3	3.4	3.3	3.4	3.3	17.1
2021	3.3	3.6	3.3	3.4	3.3	38.7	3.3	3.3	3.4	3.3	3.4	3.3	6.3
2022	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2023	3.3	3.6	539.9	65.5	2491.6	307.5	432.6	232.6	3.4	3.3	3.4	3.3	340.8
2024	3.3	3.6	84.6	139.5	3.3	42.0	91.1	252.1	3.4	3.3	3.4	3.3	52.7
2025	3.3	3.6	138.2	53.8	3.3	25.2	3.3	3.3	3.4	3.3	3.4	3.3	20.6
2026	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2027	3.3	3.6	3.3	3.4	109.0	741.1	21.1	71.6	52.1	94.3	42.0	3.3	95.7
2028	3.3	3.6	96.0	87.4	110.6	95.8	3.3	3.3	3.4	3.3	3.4	3.3	34.7
2029	3.3	3.6	183.8	139.5	569.2	260.5	3.3	3.3	3.4	3.3	3.4	3.3	98.3
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2031	3.3	3.6	48.8	341.2	149.6	705.8	22.8	3.3	6.7	204.9	38.7	3.3	127.7
2032	3.3	3.6	499.3	163.0	122.0	70.6	3.3	3.3	3.4	3.3	3.4	3.3	73.5
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2035	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2036	3.3	3.6	3.3	3.4	1187.2	1512.5	3.3	3.3	3.4	3.3	3.4	3.3	227.7
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2038	3.3	3.6	65.1	272.3	135.0	368.0	258.6	131.7	3.4	27.6	18.5	3.3	107.5
2039	3.3	3.6	587.1	48.7	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	55.8
2040	3.3	3.6	3.3	3.4	196.8	462.2	3.3	3.3	3.4	3.3	3.4	3.3	57.7
2041	3.3	3.6	3.3	151.3	383.8	196.6	3.3	3.3	3.4	3.3	3.4	3.3	63.5
2042	3.3	538.4	668.4	374.8	335.0	485.7	172.4	14.6	3.4	3.3	3.4	3.3	217.1
Mean	3.9	19.2	84.6	72.0	243.4	341.8	102.2	34.3	12.7	11.1	7.1	3.3	78.0
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	4.0
Median	3.3	3.6	3.3	3.4	16.3	97.5	3.3	3.3	3.4	3.3	3.4	3.3	52.7
75 pctile	3.3	3.6	84.6	87.4	149.6	462.2	21.1	3.3	3.4	3.3	3.4	3.3	98.3
90 pctile	3.3	3.6	254.0	158.3	897.1	866.2	244.9	150.3	3.4	3.3	15.8	3.3	193.6
Max	30.9	538.4	668.4	727.7	2491.6	2862.0	1306.0	307.4	215.1	204.9	48.7	3.3	479.0

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	21.3	92.4	63.0	254.2	380.8	101.1	27.6	9.0	12.8	7.2	3.3	81.3
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)
Scen 19 Improved Efficiency 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	30.9	50.4	300.9	43.7	27.6	238.6	3.3	3.3	3.4	3.3	3.4	3.3	59.3
1999	3.3	3.6	3.3	3.4	82.9	3.4	3.3	3.3	3.4	3.3	3.4	3.3	10.0
2000	3.3	3.6	68.3	811.7	244.0	243.7	3.3	284.6	210.1	3.3	6.7	3.3	157.1
2001	3.3	3.6	69.9	25.2	125.2	97.5	3.3	3.3	3.4	3.3	3.4	3.3	28.7
2002	3.3	3.6	3.3	40.3	1302.7	559.6	3.3	3.3	3.4	19.5	30.3	3.3	164.6
2003	3.3	3.6	3.3	95.8	3.3	15.1	816.4	125.2	3.4	3.3	3.4	3.3	89.9
2004	3.3	3.6	3.3	3.4	3.3	26.9	3.3	3.3	3.4	8.1	16.8	3.3	6.8
2005	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	10.1	3.3	3.9
2007	3.3	3.6	24.4	3.4	2034.6	2851.9	1281.6	3.3	3.4	19.5	13.4	3.3	520.5
2008	3.3	3.6	87.8	73.9	76.4	751.2	3.3	3.3	43.7	3.3	3.4	3.3	88.0
2009	3.3	3.6	3.3	3.4	3.3	406.7	3.3	3.3	3.4	3.3	3.4	3.3	36.9
2010	3.3	3.6	3.3	3.4	359.4	963.0	195.2	3.3	3.4	56.9	20.2	3.3	134.8
2011	3.3	3.6	125.2	90.8	3.3	3.4	3.3	170.8	3.4	3.3	3.4	3.3	34.7
2012	3.3	3.6	3.3	3.4	94.3	1944.4	151.3	3.3	3.4	3.3	18.5	3.3	186.3
2013	3.3	3.6	14.6	68.9	13.0	541.1	3.3	3.3	3.4	3.3	23.5	3.3	57.0
2014	3.3	3.6	29.3	53.8	21.1	80.7	858.7	3.3	3.4	3.3	5.0	3.3	89.0
2015	3.3	3.6	8.1	112.6	21.1	3.4	3.3	3.3	3.4	3.3	11.8	3.3	15.0
2016	3.3	3.6	32.5	371.4	1374.3	912.5	3.3	3.3	3.4	17.9	43.7	3.3	231.0
2017	3.3	3.6	257.0	28.6	3.3	102.5	3.3	3.3	3.4	11.4	30.3	3.3	37.7
2018	3.3	3.6	3.3	80.7	333.4	3.4	3.3	3.3	225.2	40.7	48.7	3.3	62.7
2019	3.3	126.0	115.5	122.7	3.3	3.4	3.3	3.3	3.4	3.3	38.7	3.3	35.8
2020	3.3	3.6	24.4	237.0	11.4	144.5	3.3	3.3	3.4	3.3	3.4	3.3	37.0
2021	3.3	3.6	3.3	15.1	3.3	221.8	3.3	3.3	3.4	3.3	13.4	3.3	23.3
2022	3.3	3.6	3.3	5.0	3.3	3.4	3.3	3.3	3.4	30.9	18.5	3.3	7.0
2023	3.3	3.6	655.4	63.9	2483.4	284.0	405.0	204.9	3.4	16.3	20.2	3.3	345.5
2024	3.3	3.6	118.7	139.5	3.3	11.8	66.7	224.4	3.4	3.3	20.2	3.3	50.1
2025	3.3	28.8	164.3	50.4	3.3	3.4	3.3	3.3	3.4	3.3	8.4	3.3	23.2
2026	3.3	3.6	3.3	3.4	3.3	3.4	9.8	22.8	3.4	3.3	3.4	3.3	5.5
2027	3.3	3.6	3.3	3.4	265.1	731.0	3.3	22.8	45.4	94.3	42.0	3.3	101.7
2028	3.3	3.6	99.2	87.4	105.7	80.7	3.3	3.3	3.4	17.9	31.9	3.3	36.9
2029	3.3	3.6	302.5	139.5	562.7	242.0	3.3	3.3	3.4	21.1	31.9	3.3	110.0
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	19.5	20.2	3.3	6.1
2031	3.3	3.6	369.2	341.2	138.2	689.0	3.3	3.3	97.5	204.9	38.7	3.3	157.9
2032	3.3	3.6	502.5	158.0	120.3	43.7	3.3	3.3	3.4	3.3	21.8	3.3	72.5
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	4.9	21.8	3.3	5.0
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	42.0	14.6	31.9	3.3	9.9
2035	3.3	3.6	3.3	42.0	68.3	3.4	3.3	3.3	3.4	21.1	28.6	3.3	15.6
2036	3.3	3.6	3.3	3.4	1559.7	1504.1	3.3	3.3	3.4	3.3	21.8	3.3	259.6
2037	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	8.1	21.8	3.3	5.3
2038	3.3	3.6	287.9	272.3	123.6	359.6	240.7	115.5	3.4	35.8	18.5	3.3	122.3
2039	3.3	3.6	590.4	47.1	3.3	3.4	3.3	3.3	3.4	42.3	21.8	3.3	60.7
2040	3.3	3.6	50.4	53.8	299.2	452.1	3.3	3.3	3.4	17.9	47.1	3.3	78.4
2041	3.3	3.6	21.1	149.6	388.8	171.4	3.3	3.3	3.4	34.2	47.1	3.3	68.9
2042	3.3	594.2	668.4	374.8	331.8	467.2	162.6	3.3	3.4	3.3	3.4	3.3	218.2
Mean	3.9	21.0	112.3	94.4	280.5	337.6	95.6	28.7	17.7	18.5	19.6	3.3	86.1
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.3
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	5.7
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	5.0	3.3	15.6
Median	3.3	3.6	21.1	47.1	27.6	97.5	3.3	3.3	3.4	3.3	20.2	3.3	57.0
75 pctile	3.3	3.6	118.7	112.6	265.1	452.1	3.3	3.3	3.4	19.5	30.3	3.3	110.0
90 pctile	3.3	3.6	342.5	258.1	1006.7	848.0	222.5	121.3	43.0	38.7	40.7	3.3	205.4
Max	30.9	594.2	668.4	811.7	2483.4	2851.9	1281.6	284.6	225.2	204.9	48.7	3.3	520.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	23.6	124.3	87.0	292.7	378.5	98.6	23.3	15.2	21.2	21.9	3.3	90.6
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Angostura Contract Negotiation EIS
Reservoir River Discharge (cfs)

Scen 20 Improved Efficiency 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1998	30.9	50.4	300.9	43.7	37.4	263.8	3.3	9.8	3.4	3.3	3.4	3.3	62.8
1999	3.3	3.6	3.3	3.4	92.7	11.8	3.3	3.3	3.4	3.3	3.4	3.3	11.5
2000	3.3	3.6	68.3	816.8	253.7	262.2	3.3	310.6	215.1	3.3	6.7	3.3	162.5
2001	3.3	3.6	69.9	26.9	128.5	126.0	3.3	3.3	3.4	3.3	3.4	3.3	31.5
2002	3.3	3.6	3.3	40.3	1302.7	574.8	3.3	35.8	3.4	19.5	30.8	3.3	168.6
2003	3.3	3.6	3.3	97.5	3.3	47.1	839.2	159.4	3.4	3.3	3.4	3.3	97.5
2004	3.3	3.6	3.3	3.4	3.3	58.8	6.5	3.3	3.4	8.1	16.8	3.3	9.7
2005	3.3	3.6	3.3	3.4	3.3	23.5	3.3	3.3	3.4	3.3	3.4	3.3	5.0
2006	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	10.1	3.3	3.9
2007	3.3	3.6	24.4	3.4	2041.1	2862.0	1306.0	3.3	3.4	19.5	13.4	3.3	523.9
2008	3.3	3.6	87.8	75.6	89.4	761.3	6.5	3.3	52.1	3.3	3.4	3.3	91.1
2009	3.3	3.6	3.3	3.4	3.3	426.9	3.3	3.3	3.4	3.3	3.4	3.3	38.6
2010	3.3	3.6	3.3	3.4	365.9	976.4	224.4	3.3	3.4	56.9	20.2	3.3	138.9
2011	3.3	3.6	125.2	90.8	3.3	3.4	3.3	224.4	3.4	3.3	3.4	3.3	39.2
2012	3.3	3.6	3.3	3.4	99.2	1947.8	190.3	3.3	3.4	3.3	18.5	3.3	190.2
2013	3.3	3.6	14.6	68.9	19.5	547.9	3.3	3.3	3.4	3.3	23.5	3.3	58.1
2014	3.3	3.6	29.3	58.8	35.8	97.5	878.2	3.3	3.4	3.3	5.0	3.3	93.7
2015	3.3	3.6	8.1	114.3	32.5	3.4	3.3	3.3	3.4	3.3	11.8	3.3	16.1
2016	3.3	3.6	32.5	371.4	1374.3	936.1	3.3	3.3	3.4	17.9	43.7	3.3	233.0
2017	3.3	3.6	257.0	28.6	3.3	124.4	3.3	3.3	3.4	11.4	30.8	3.3	39.6
2018	3.3	3.6	3.3	80.7	335.0	3.4	53.7	3.3	231.9	40.7	48.7	3.3	67.6
2019	3.3	126.0	115.5	124.4	3.3	3.4	3.3	3.3	3.4	4.9	40.8	3.3	36.2
2020	3.3	3.6	24.4	237.0	21.1	156.3	3.3	3.3	3.4	3.3	3.4	3.3	38.8
2021	3.3	3.6	3.3	15.1	9.8	242.0	3.3	3.3	3.4	3.3	13.4	3.3	25.6
2022	3.3	3.6	3.3	6.7	3.3	3.4	3.3	3.3	10.1	30.9	18.5	3.3	7.7
2023	3.3	3.6	655.4	65.5	2491.6	307.5	432.6	229.3	3.4	16.3	20.2	3.3	352.7
2024	3.3	3.6	118.7	139.5	3.3	42.0	91.1	248.8	3.4	3.3	20.2	3.3	56.7
2025	3.3	28.8	164.3	53.8	3.3	25.2	3.3	3.3	3.4	3.3	8.4	3.3	25.3
2026	3.3	3.6	3.3	3.4	3.3	3.4	34.2	52.0	3.4	3.3	3.4	3.3	10.0
2027	3.3	3.6	3.3	3.4	265.1	741.1	21.1	68.3	52.1	94.3	42.0	3.3	108.4
2028	3.3	3.6	99.2	87.4	110.6	95.8	3.3	3.3	3.4	17.9	31.9	3.3	38.6
2029	3.3	3.6	302.5	139.5	569.2	260.5	3.3	3.3	3.4	21.1	31.9	3.3	112.1
2030	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	19.5	20.2	3.3	6.1
2031	3.3	3.6	369.2	341.2	149.6	705.8	22.8	3.3	102.5	204.9	38.7	3.3	162.3
2032	3.3	3.6	502.5	163.0	122.0	70.6	3.3	3.3	3.4	3.3	21.8	3.3	75.3
2033	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	4.9	21.8	3.3	5.0
2034	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	47.1	14.6	31.9	3.3	10.3
2035	3.3	3.6	3.3	43.7	71.6	15.1	3.3	3.3	3.4	21.1	28.6	3.3	16.9
2036	3.3	3.6	3.3	3.4	1564.5	1512.5	3.3	3.3	3.4	3.3	21.8	3.3	260.7
2037	3.3	3.6	3.3	3.4	3.3	3.4	8.1	3.3	3.4	8.1	21.8	3.3	5.7
2038	3.3	3.6	287.9	272.3	135.0	368.0	258.6	128.5	3.4	35.8	18.5	3.3	126.5
2039	3.3	3.6	590.4	48.7	3.3	3.4	3.3	3.3	3.4	42.3	21.8	3.3	60.8
2040	3.3	3.6	50.4	53.8	302.5	462.2	3.3	3.3	3.4	22.8	47.1	3.3	79.9
2041	3.3	3.6	21.1	151.3	383.8	196.6	3.3	3.3	3.4	34.2	47.1	3.3	71.2
2042	3.3	594.2	668.4	374.8	335.0	485.7	172.4	11.4	3.4	3.3	3.4	3.3	221.5
Mean	3.9	21.0	112.3	95.2	284.3	350.6	103.1	35.3	18.6	18.6	19.6	3.3	88.8
Min	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	3.9
10 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.3	6.7
25 pctile	3.3	3.6	3.3	3.4	3.3	3.4	3.3	3.3	3.4	3.3	5.0	3.3	16.9
Median	3.3	3.6	21.1	48.7	37.4	124.4	3.3	3.3	3.4	4.9	20.2	3.3	58.1
75 pctile	3.3	3.6	118.7	114.3	265.1	462.2	22.8	3.3	3.4	19.5	30.8	3.3	112.1
90 pctile	3.3	3.6	342.5	258.1	1009.3	866.2	244.9	147.0	50.1	38.7	41.3	3.3	209.0
Max	30.9	594.2	668.4	816.8	2491.6	2862.0	1306.0	310.6	231.9	204.9	48.7	3.3	523.9

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	3.3	23.6	124.3	87.8	296.5	389.4	102.0	28.7	16.2	21.4	22.0	3.3	93.2
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Angostura Contract Negotiation EIS
 River Discharge (cfs) for Scenario with 12,218 acres

Year	Historic Actual	Historic Plus Seepage	<u>Natural</u>	No Action	Recreation	Improved Efficiency			
				Scen 1	Scen 5	Scen 13	Scen 15	Scen 17	Scen 19
1998	102.4	102.7	82.8	47.6	55.4	50.8	59.3	59.3	59.3
1999	49.7	50.3	54.2	3.3	3.3	3.3	3.3	3.3	10.0
2000	88.1	88.9	210.2	97.9	91.4	132.2	125.5	125.5	157.1
2001	45.8	46.7	55.0	20.0	24.8	20.6	28.4	28.4	28.7
2002	90.8	92.7	208.4	123.0	126.2	140.9	136.1	136.1	164.6
2003	62.3	62.8	136.4	65.0	69.5	79.8	88.1	88.1	89.9
2004	9.7	11.9	47.7	3.3	3.3	3.3	3.3	3.3	6.8
2005	0.1	3.2	34.1	3.3	3.3	3.3	3.3	3.3	3.3
2006	0.0	3.3	22.8	3.3	3.3	3.3	3.3	3.3	3.9
2007	406.7	409.0	559.5	421.2	452.9	430.7	457.4	475.6	520.5
2008	68.2	70.2	123.7	73.9	70.7	76.7	78.3	78.3	88.0
2009	9.9	12.7	64.3	15.6	16.1	26.0	26.8	26.8	36.9
2010	89.6	92.1	176.8	86.3	85.0	105.9	101.2	101.2	134.8
2011	17.3	19.8	78.4	20.5	14.9	20.5	27.9	27.9	34.7
2012	200.5	202.4	221.9	159.3	173.3	175.7	180.7	180.7	186.3
2013	24.9	27.7	92.7	39.0	38.1	46.6	39.7	39.7	57.0
2014	59.3	61.5	126.2	62.5	70.1	74.6	83.0	83.0	89.0
2015	0.7	3.7	42.0	3.3	3.3	6.3	3.3	3.3	15.0
2016	182.9	185.6	261.0	167.0	166.3	185.2	183.8	186.2	231.0
2017	0.6	3.6	67.8	8.0	7.0	16.7	17.3	17.3	37.7
2018	7.9	10.9	104.7	28.1	22.5	47.2	39.9	39.9	62.7
2019	29.5	31.7	56.0	32.5	32.5	32.5	32.5	32.5	35.8
2020	0.0	3.3	65.0	3.3	3.3	3.3	6.8	6.8	37.0
2021	0.0	3.3	58.8	3.3	3.3	3.3	3.3	3.3	23.3
2022	0.0	3.3	44.8	3.3	3.3	3.3	3.3	3.3	7.0
2023	246.9	249.1	391.6	265.1	280.2	313.6	316.0	316.0	345.5
2024	27.5	30.3	92.6	32.7	34.2	43.4	44.9	44.9	50.1
2025	25.2	27.6	60.9	22.0	15.5	22.5	17.4	17.4	23.2
2026	0.0	3.3	46.8	3.3	3.3	3.3	3.3	3.3	5.5
2027	27.1	29.5	147.5	43.7	44.0	73.9	74.1	74.1	101.7
2028	28.5	30.1	70.5	26.2	30.9	26.6	33.0	33.0	36.9
2029	84.7	87.0	141.4	74.2	77.4	87.7	89.7	89.7	110.0
2030	0.1	3.2	35.3	3.3	3.3	3.3	3.3	3.3	6.1
2031	75.1	76.7	199.7	80.6	83.0	111.3	105.4	109.8	157.9
2032	76.6	77.6	105.9	66.3	66.5	67.3	70.7	70.7	72.5
2033	1.7	1.9	29.8	3.3	3.3	3.3	3.3	3.3	5.0
2034	2.9	2.9	36.8	3.3	3.3	3.3	3.3	3.3	9.9
2035	5.4	5.4	46.6	3.3	3.3	3.3	3.3	3.3	15.6
2036	181.1	181.1	286.6	185.3	206.8	187.0	208.5	223.4	259.6
2037	0.7	2.6	32.0	3.3	3.3	3.3	3.3	3.3	5.3
2038	54.2	55.4	155.1	74.4	69.3	96.2	91.3	91.3	122.3
2039	59.0	59.0	90.7	55.3	55.3	55.6	55.6	55.6	60.7
2040	31.0	32.1	103.2	27.0	34.5	40.2	47.8	47.8	78.4
2041	49.4	50.3	114.6	48.8	49.5	53.7	60.1	60.1	68.9
2042	171.8	172.9	249.4	193.9	198.1	208.2	208.5	208.5	218.2
Mean	59.9	61.8	120.7	60.2	62.3	68.9	70.6	71.5	86.1
Min	0.0	1.9	22.8	3.3	3.3	3.3	3.3	3.3	3.3
10 pctile	0.1	3.2	35.9	3.3	3.3	3.3	3.3	3.3	5.7
25 pctile	2.9	3.7	54.2	3.3	3.3	3.3	3.3	3.3	15.6
Median	29.5	31.7	90.7	32.5	38.1	43.4	39.9	39.9	57.0
75 pctile	76.6	77.6	147.5	74.2	70.7	87.7	89.7	89.7	110.0
90 pctile	177.4	177.8	238.4	163.9	170.5	181.4	182.6	184.0	205.4
Max	406.7	409.0	559.5	421.2	452.9	430.7	457.4	475.6	520.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	62.8	124.4	63.4	65.6	72.0	73.8	74.9	90.6
Mean Diff (Scen vs Hist)		61.7	0.6	2.8	9.3	11.1	12.1	27.9

Angostura Contract Negotiation EIS
 River Discharge (cfs) for Scenario with 10,000 acres

Year	Historic		<u>Natural</u>	<u>No Action</u>	<u>Recreation</u>		<u>Improved Efficiency</u>			
	Actual	Plus Seepage			Scen 2	Scen 6	Scen 14	Scen 16	Scen 18	Scen 20
1998	102.4	102.7	82.8	51.3	59.0	54.5	62.2	62.2	62.2	62.8
1999	49.7	50.3	54.2	3.3	3.3	10.5	4.0	4.0	4.0	11.5
2000	88.1	88.9	210.2	129.4	122.6	149.5	149.4	149.4	149.4	162.5
2001	45.8	46.7	55.0	20.5	28.2	23.4	31.2	31.2	31.2	31.5
2002	90.8	92.7	208.4	139.4	135.3	154.9	148.4	148.4	148.4	168.6
2003	62.3	62.8	136.4	78.9	86.9	88.5	97.5	97.5	97.5	97.5
2004	9.7	11.9	47.7	3.3	3.3	3.3	3.3	3.3	3.3	9.7
2005	0.1	3.2	34.1	3.3	3.3	3.3	3.3	3.3	3.3	5.0
2006	0.0	3.3	22.8	3.3	3.3	3.3	3.3	3.3	3.3	3.9
2007	406.7	409.0	559.5	430.0	457.1	460.4	460.8	479.0	523.9	
2008	68.2	70.2	123.7	76.4	77.6	81.0	84.4	84.4	91.1	
2009	9.9	12.7	64.3	25.2	25.9	31.5	34.0	34.0	38.6	
2010	89.6	92.1	176.8	104.4	99.8	120.0	113.4	113.4	138.9	
2011	17.3	19.8	78.4	20.5	26.9	20.5	38.0	38.0	39.2	
2012	200.5	202.4	221.9	174.5	180.1	189.9	185.3	185.3	190.2	
2013	24.9	27.7	92.7	45.9	39.3	56.0	44.9	44.9	58.1	
2014	59.3	61.5	126.2	74.2	82.3	79.2	93.2	93.2	93.7	
2015	0.7	3.7	42.0	5.8	3.3	11.8	3.3	3.3	16.1	
2016	182.9	185.6	261.0	184.0	181.9	196.0	199.2	199.2	233.0	
2017	0.6	3.6	67.8	16.1	16.8	24.6	25.1	25.1	39.6	
2018	7.9	10.9	104.7	46.1	38.7	60.1	53.3	53.3	67.6	
2019	29.5	31.7	56.0	32.5	32.5	32.7	32.7	32.7	36.2	
2020	0.0	3.3	65.0	3.3	6.0	9.4	17.1	17.1	38.8	
2021	0.0	3.3	58.8	3.3	3.3	5.8	6.3	6.3	25.6	
2022	0.0	3.3	44.8	3.3	3.3	3.3	3.3	3.3	7.7	
2023	246.9	249.1	391.6	310.5	313.5	343.4	340.8	340.8	352.7	
2024	27.5	30.3	92.6	42.6	44.1	50.6	52.7	52.7	56.7	
2025	25.2	27.6	60.9	22.5	17.3	22.7	20.6	20.6	25.3	
2026	0.0	3.3	46.8	3.3	3.3	3.3	3.3	3.3	10.0	
2027	27.1	29.5	147.5	71.8	72.1	96.7	95.7	95.7	108.4	
2028	28.5	30.1	70.5	26.6	32.9	27.1	34.7	34.7	38.6	
2029	84.7	87.0	141.4	86.6	88.8	97.5	98.3	98.3	112.1	
2030	0.1	3.2	35.3	3.3	3.3	3.3	3.3	3.3	6.1	
2031	75.1	76.7	199.7	109.3	103.5	133.4	127.7	127.7	162.3	
2032	76.6	77.6	105.9	67.2	70.2	67.9	73.5	73.5	75.3	
2033	1.7	1.9	29.8	3.3	3.3	3.3	3.3	3.3	5.0	
2034	2.9	2.9	36.8	3.3	3.3	3.3	3.3	3.3	10.3	
2035	5.4	5.4	46.6	3.3	3.3	3.3	3.3	3.3	16.9	
2036	181.1	181.1	286.6	186.8	208.3	209.1	214.5	227.7	260.7	
2037	0.7	2.6	32.0	3.3	3.3	3.3	3.3	3.3	5.7	
2038	54.2	55.4	155.1	94.7	89.5	112.2	107.5	107.5	126.5	
2039	59.0	59.0	90.7	55.6	55.6	55.8	55.8	55.8	60.8	
2040	31.0	32.1	103.2	39.2	46.8	50.1	57.7	57.7	79.9	
2041	49.4	50.3	114.6	58.4	59.3	59.0	63.5	63.5	71.2	
2042	171.8	172.9	249.4	207.2	207.7	216.1	217.1	217.1	221.5	
Mean	59.9	61.8	120.7	68.4	70.0	76.3	77.3	78.0	88.8	
Min	0.0	1.9	22.8	3.3	3.3	3.3	3.3	3.3	3.9	
10 pctile	0.1	3.2	35.9	3.3	3.3	3.3	3.3	3.3	6.7	
25 pctile	2.9	3.7	54.2	3.3	3.3	9.4	4.0	4.0	16.9	
Median	29.5	31.7	90.7	42.6	39.3	50.6	52.7	52.7	58.1	
75 pctile	76.6	77.6	147.5	86.6	88.8	97.5	98.3	98.3	112.1	
90 pctile	177.4	177.8	238.4	180.2	181.2	193.6	193.6	193.6	209.0	
Max	406.7	409.0	559.5	430.0	457.1	460.4	460.8	479.0	523.9	

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	62.8	124.4	71.6	73.2	79.7	80.5	81.3	93.2
Mean Diff (Scen vs Hist)		61.7	8.8	10.4	16.9	17.7	18.6	30.4



